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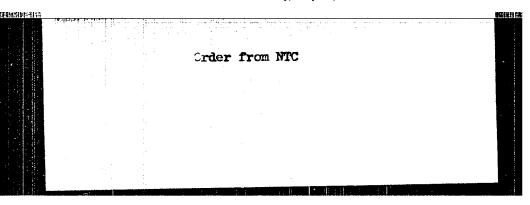
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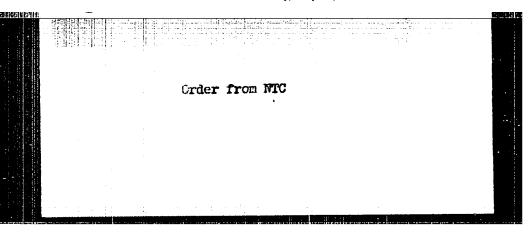
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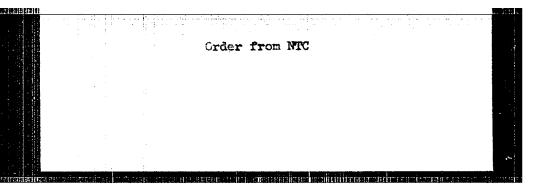
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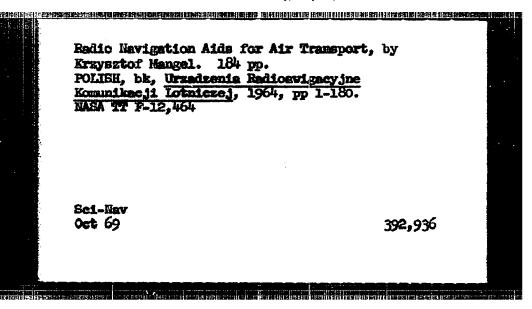
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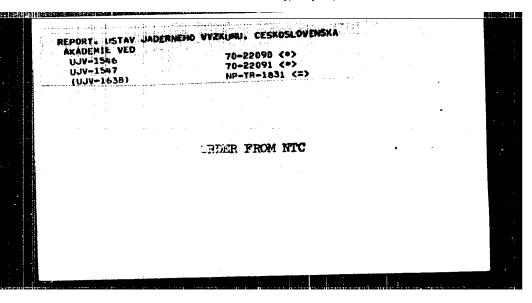
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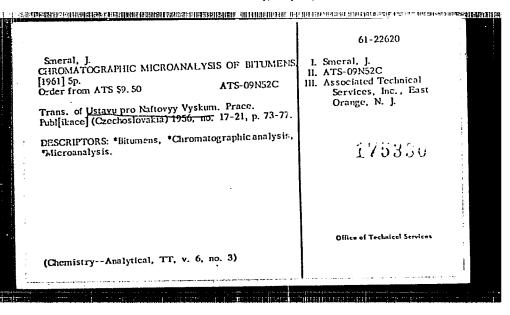
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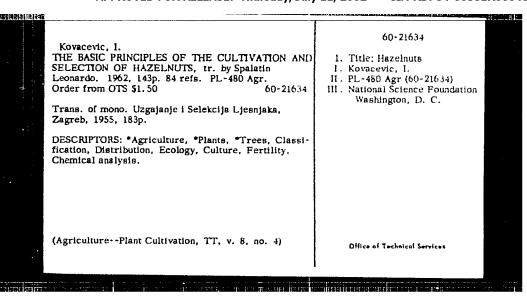
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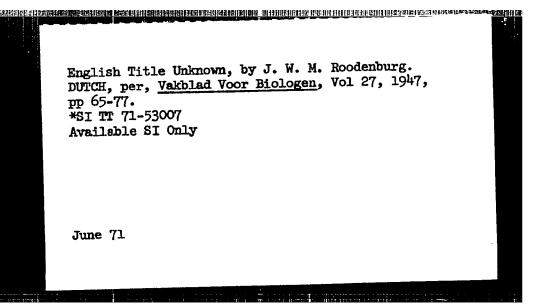
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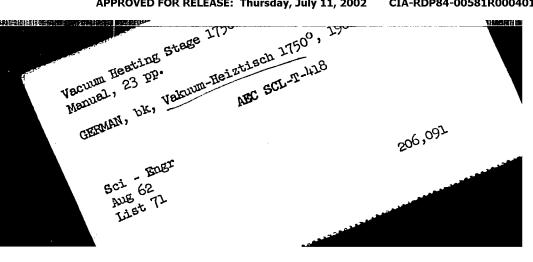
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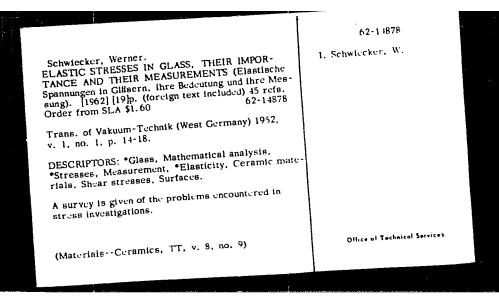


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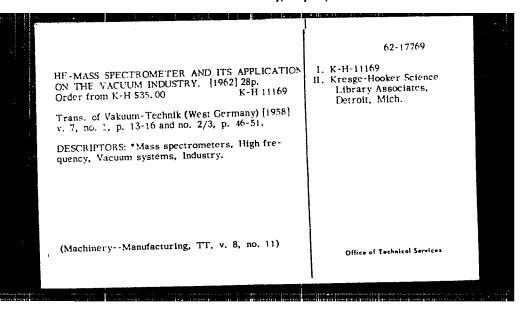
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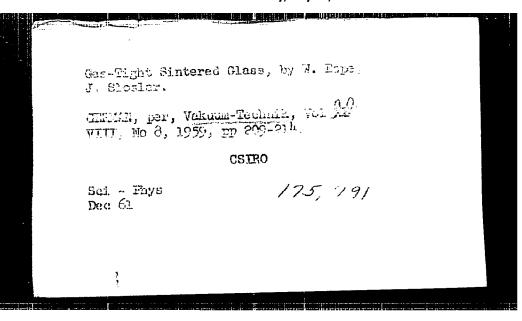
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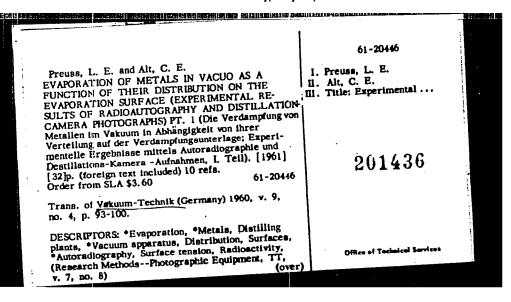


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A GETTER ION PUMP FOR TECHNICAL PURPOSES.
[1962] [16]p. 3 refs.
Order from SLA \$1.60

Trans. of Vakuum Technik (West Germany) 1960, v. 9, no. 1 [p. T-6].

DESCRIPTORS: *Ions, *Pumps, Design, Structural parts. *Vacuum apparatus, Gases, Absorption, ionization, Scals (Stoppers), Measurement.

Described are a getter ion pump made of metal, flange seals made of aluminum and gold, as well as an ultrahigh vacuum valve with aluminum gasket. Some measuring results are given attained by means of these structural parts. The pumping speed of the getter ion pump for the hydrogen, oxygen and nitrogen is 7401/sic. The getter metal supply (titanium) within the pump is sufficient to absorb approsimately 200 Ncm³ (std. cc) (Physics, TT, v. 10, no. 11)



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BAKABLE ULTRA-HIGH-VACUUM VALVE WITH
LARGE CROSS SECTION. [1961] 8p. 8 refs.
Order from SLA \$1. 10 61-20541

Trans. of Vakuum-Technic (Germany) 1960, v. 9,
no. 7, p. 199-201.

DESCRIPTORS: *Stainless steel, Metal plates Refineries, Seals, *Valves, Reliability, Metal screws,
Vacuum operated valves, Structurus, Welding,
*Vacuum apparatus.

The new 35-litre valve is described which offers a
particularly good reliability as a result of its completely welded structure. All parts in vacuo, with the
exception of the screw mechanism and the light plate,
consist of refined stainless steel.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 5)

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